

METHOD OF FABRICATING HOLOGRAM SCREEN  
AND HOLOGRAM IMAGING APPARATUS

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ABSTRACT OF THE DISCLOSURE

10 A method of fabricating a hologram screen having a  
large visual range and a hologram imaging apparatus used  
for the particular method of fabricating the hologram  
screen are disclosed. A plurality of mirrors (3)  
extended toward a plurality of photosensitive members (5)  
are arranged at a plurality of end portions (21),  
15 respectively, of a light diffuser (2). At least a  
reference beam (41) and object beams (42) passed through  
the light diffuser (2) are radiated on a plurality of the  
photosensitive members (5) individually thereby to form a  
plurality of holograms. These holograms are integrated  
20 with each other by being arranged two-dimensionally  
thereby to fabricate a hologram screen. Among the  
mirrors (3), a reference beam-side mirror (31) arranged  
nearer to the light source of the reference beams (41) is  
extended from the light diffuser (2) by a length varied  
25 with the position of the photosensitive member (5) to be  
exposed.

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